

A circular map of the PMT1 plasmid, showing various genes and their functions. The map is divided into several regions: the **rep region** (top), the **par region** (bottom), and the **lambda-like** region (right). The plasmid is approximately 50,000 bp in size, with major tick marks every 10,000 bp. The genes are labeled around the perimeter, with their functions indicated by the text. The genes are arranged in a clockwise direction starting from the top. The labels include: **hypoth. regulator**, **Vdr**, **Orf33**, **Orf32**, **vasorelaxant**, **P22 nix-like**, **HIC-like**, **recA**, **Orf25**, **DNA pol I fragment**, **pppB-1**, **laminin-like**, **RTX-like**, **crystal toxin**, **DNA pol III**, **cobS**, **cobT**, **Orf14**, **Orf13**, **integrase**, **caf1**, **caf1A**, **caf1M**, **caf1R**, **vasorelaxant**, **T3 ligase**, **IS100**, **IS100**, **Orf135**, **Ec hypoth.**, **antirestriction**, **Orf127**, **Orf126**, **Orf125**, **Orf123A**, **methylase**, **Orf122**, **Orf119**, **hypoth.**, **SamB-like**, **parB**, **parA**, **Orf112**, **Orf112A**, **resolvase**, **tnase**, **Orf109**, **endonuc-like**, **murine toxin**, **RT fragment**, **Ec hypoth.**, **Ec hypoth.**, **tnase fragment**, **tnase**, **IS285**, **Orf100**, **68kD**, **Orf95**, **Orf96**, **86kD**, **Orf90**, **IS100**, **IS100**, **Orf1A**, **lambda-like**, **lambda ORF314-like**, **Orf90**, **lambda J-like**, **lambda K-like**, **lambda L-like**, **lambda M-like**, **lambda H-like**, **Orf82**, **Orf81**, **lambda V-like**, **Orf80**, **Orf78**, **Orf77**, **Orf76**, **L12-like**, **lambda V-like**, **hypoth. membrane**, **Orf71**, **Orf70**, **T4 gene 17**, **Orf68**, **Orf66**, **Orf65**, **Orf64**, **Orf63**, **SpoJ-like**, **Rep-like**, **hypoth. exo**, **Orf58**, **Orf57**, **repressor-like**, **Orf55**, **Orf54**, **Orf53**, **Orf51**, **Orf48**, **tnase**, **Orf45**, **Orf44**, **T4 exonuc.**, **Orf42**, **T4 exonuc.**, **Orf39**, **hypoth. lipoprat.**, **Orf36**, **hypoth. regulator**, **Vdr**, **Orf33**, **Orf32**, **vasorelaxant**, **P22 nix-like**, **HIC-like**, **recA**, **Orf25**, **DNA pol I fragment**, **pppB-1**, **laminin-like**, **RTX-like**, **crystal toxin**, **DNA pol III**, **cobS**, **cobT**, **Orf14**, **Orf13**, **integrase**, **caf1**, **caf1A**, **caf1M**, **caf1R**, **vasorelaxant**, **T3 ligase**, **IS100**, **IS100**, **Orf135**, **Ec hypoth.**, **antirestriction**, **Orf127**, **Orf126**, **Orf125**, **Orf123A**, **methylase**, **Orf122**, **Orf119**, **hypoth.**, **SamB-like**, **parB**, **parA**, **Orf112**, **Orf112A**, **resolvase**, **tnase**, **Orf109**, **endonuc-like**, **murine toxin**, **RT fragment**, **Ec hypoth.**, **Ec hypoth.**, **tnase fragment**, **tnase**, **IS285**, **Orf100**, **68kD**, **Orf95**, **Orf96**, **86kD**, **Orf90**, **IS100**, **IS100**, **Orf1A**, **lambda-like**, **lambda ORF314-like**, **Orf90**, **lambda J-like**, **lambda K-like**, **lambda L-like**, **lambda M-like**, **lambda H-like**, **Orf82**, **Orf81**, **lambda V-like**, **Orf80**, **Orf78**, **Orf77**, **Orf76**, **L12-like**, **lambda V-like**, **hypoth. membrane**, **Orf71**, **Orf70**, **T4 gene 17**, **Orf68**, **Orf66**, **Orf65**, **Orf64**, **Orf63**, **SpoJ-like**, **Rep-like**, **hypoth. exo**, **Orf58**, **Orf57**, **repressor-like**, **Orf55**, **Orf54**, **Orf53**, **Orf51**, **Orf48**, **tnase**, **Orf45**, **Orf44**, **T4 exonuc.**, **Orf42**, **T4 exonuc.**, **Orf39**, 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**lambda M-like**, **lambda H-like**, **Orf82**, **Orf81**, **lambda V-like**, **Orf80**, **Orf78**, **Orf77**, **Orf76**, **L12-like**, **lambda V-like**, **hypoth. membrane**, **Orf71**, **Orf70**, **T4 gene 17**, **Orf68**, **Orf66**, **Orf65**, **Orf64**, **Orf63**, **SpoJ-like**, **Rep-like**, **hypoth. exo**, **Orf58**, **Orf57**, **repressor-like**, **Orf55**, **Orf54**, **Orf53**, **Orf51**, **Orf48**, **tnase**, **Orf45**, **Orf44**, **T4 exonuc.**, **Orf42**, **T4 exonuc.**, **Orf39**, **hypoth. lipoprat.**, **Orf36**, **hypoth. regulator**, **Vdr**, **Orf33**, **Orf32**, **vasorelaxant**, **P22 nix-like**, **HIC-like**, **recA**, **Orf25**, **DNA pol I fragment**, **pppB-1**, **laminin-like**, **RTX-like**, **crystal toxin**, **DNA pol III**, **cobS**, **cobT**, **Orf14**, **Orf13**, **integrase**, **caf1**, **caf1A**, **caf1M**, **caf1R**, **vasorelaxant**, **T3 ligase**, **IS100**, **IS100**, **Orf135**, **Ec hypoth.**, **antirestriction**, **Orf127**, **Orf126**, 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Fig 1

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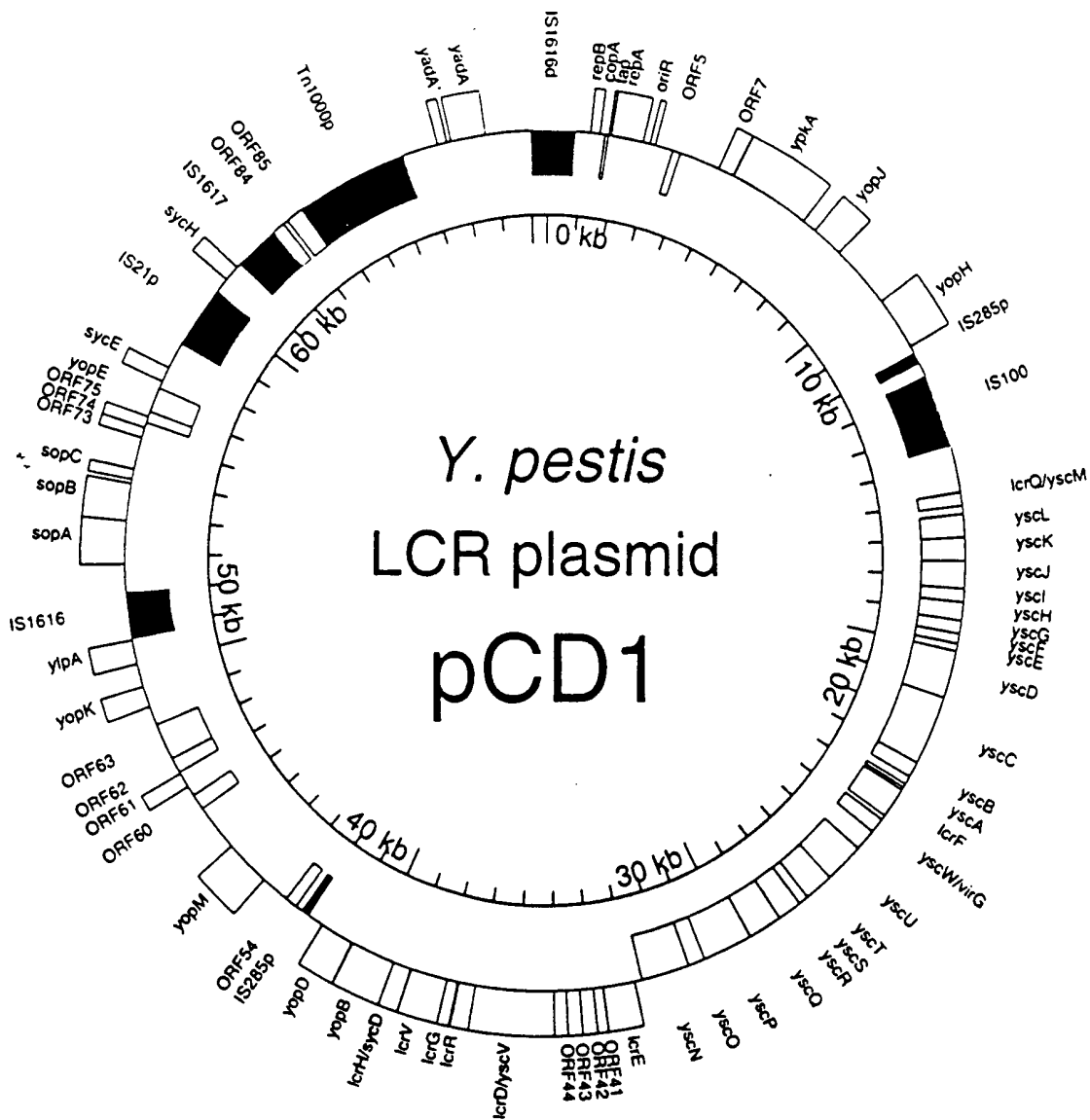


Fig 2